

Brief Spec. : 12.1"SVGA LED B/L & LVDS I/F model

Features

- Long light life 60,000 hours
- Replaceable backlight LED unit
- Natural Color Matrix
- Reverse scan function
- Mechanically symmetric design
- Wide Viewing angle
65/65 (R/L), 45/75 (U/D)
- Wide operation temperature range
(-20~70 °C)

Type Name	AA121SM02	
Schedule	MP Now	
Screen Size/ Resolution	31cm (12.1-inch) / SVGA	
Active Screen Area [mm]	246.0 (H) x 184.5 (V)	
Number of Pixels	800 x (H) x 600 (V)	
Pixel Pitch [mm]	0.3075 (H) x 0.3075 (V)	
Contrast Ratio	500:1	
Brightness [cd/m ²]	400 (If=120mA)	
Viewing Angle [CR>10, °]	-65~65 (H), -75~45 (V)	
Optimum Viewing Angle (Max. Contrast)	6 o'clock	
Number of Colors	262k colors (6 bit/color), 16.7M colors (8 bit/color)	
Color Reproduction (vs. NTSC) [%]	39	
Natural Color Matrix	Yes	
Backlight	LED (replaceable)	
Lamp Life [h]	60,000	
Interface	LVDS	
Power Consumption [W]	7.0	
Power Supply [V]	LCD : 3.3V, Backlight: 24V	
Reverse Scan Function	Available	
Module Outline Dimensions [mm]	W	280.0
	H	210.0
	D	12.0
Module Mass [g]	750	
Operation Temperature Range[° C]	-20~70	
Storage Temperature Range[° C]	-20~80	
Surface Treatment	Anti-glare, hard-coating 3H	